



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2008

Code: 10281201

SAU: Calais School Department

School: Calais Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

Grade: 6

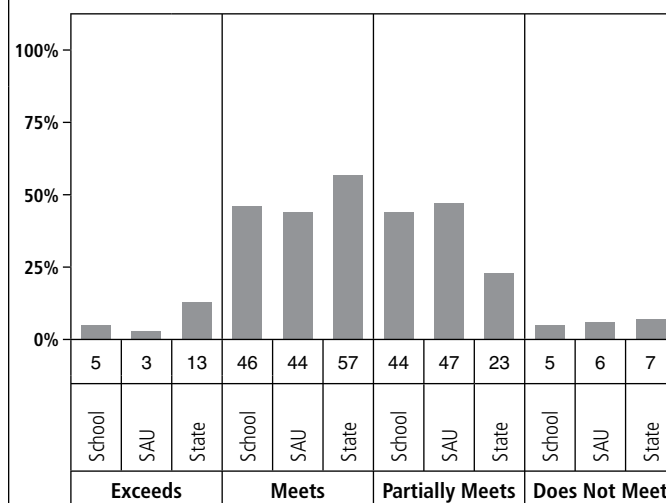
SAU: Calais School Department

School: Calais Elementary School

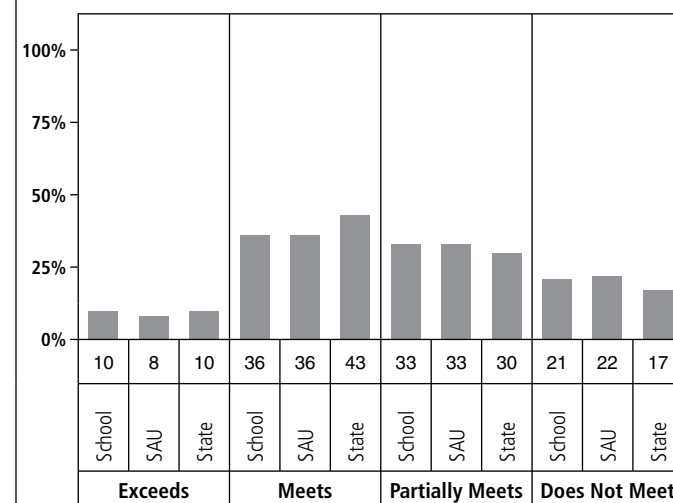
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	638	638	644
2006–2007	643	644	646
2007–2008	643	642	648
Cum. Avg. *	641	641	646
Mathematics			
2005–2006	638	639	641
2006–2007	645	647	643
2007–2008	641	640	642
Cum. Avg. *	641	642	642

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008

Grade: 6

SAU: Calais School Department

School: Calais Elementary School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	39	100	36	100	14365	100	39	100	36	100	14266	99	39	100	36	100	14268	99						
Ethnicity African American/Black	0	0	0	0	418	3	0	0	0	0	407	97	0	0	0	0	413	99						
American Indian or Native Alaskan	1	3	1	3	111	1	1	100	1	100	110	99	1	100	1	100	110	99						
Asian or Pacific Islander	2	5	2	6	249	2	2	100	2	100	249	100	2	100	2	100	248	100						
Hispanic	1	3	1	3	149	1	1	100	1	100	147	99	1	100	1	100	147	99						
Caucasian/White	35	90	32	89	13438	94	35	100	32	100	13353	100	35	100	32	100	13350	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	7	18	7	19	2518	18	7	100	7	100	2479	99	7	100	7	100	2479	99						
Current LEP	0	0	0	0	349	2	0	0	0	0	339	97	0	0	0	0	344	99						
Economically disadvantaged	20	51	19	53	5335	37	20	100	19	100	5277	99	20	100	19	100	5279	99						
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	31	79	28	78	11613	81	31	79	28	78	11626	81						
Identified disability (PET/IEP)	0	0	0	0	373	3	0	0	0	0	373	3						
LEP	0	0	0	0	187	2	0	0	0	0	187	2						
504 plan	0	0	0	0	149	1	0	0	0	0	150	1						
Participation with accommodations	8	21	8	22	2451	17	8	21	8	22	2446	17						
Identified disability (PET/IEP)	7	88	7	88	1909	78	7	88	7	88	1910	78						
LEP	0	0	0	0	142	6	0	0	0	0	152	6						
504 plan	0	0	0	0	85	3	0	0	0	0	84	3						
Other	1	13	1	13	350	14	1	13	1	13	335	14						
Participation through alternate assessment (PAAP)	0	0	0	0	197	1	0	0	0	0	196	1						
Identified disability (PET/IEP)	0	0	0	0	197	100	0	0	0	0	196	100						
LEP	0	0	0	0	5	3	0	0	0	0	5	3						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0												
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	24	0						
Non-participation – other	0	0	0	0	75	1	0	0	0	0	73	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008

Grade: 6

SAU: Calais School Department

School: Calais Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006	3	7	3	7	1176	8
	2006-2007	0	0	0	0	1132	8
	2007-2008	2	5	1	3	1817	13
	Cum. Total*	5	4	4	3	4125	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006	17	39	17	40	7612	51
	2006-2007	27	56	25	60	8127	57
	2007-2008	18	46	16	44	8072	57
	Cum. Total*	62	47	58	48	23811	55
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006	12	27	11	26	4080	27
	2006-2007	18	38	15	36	3549	25
	2007-2008	17	44	17	47	3194	23
	Cum. Total*	47	36	43	36	10823	25
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006	12	27	12	28	2005	13
	2006-2007	3	6	2	5	1478	10
	2007-2008	2	5	2	6	981	7
	Cum. Total*	17	13	16	13	4464	10

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	29.5	52.7	28.8	51.4	32.7	58.4
Literary Text	28	50	14.6	52.1	14.3	51.1	16.3	58.2
Informational Text	28	50	14.9	53.2	14.5	51.8	16.5	58.9

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Calais School Department
 School: Calais Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	39	2	5	18	46	17	44	2	5	643	36	3	44	47	6	642	14064	13	57	23	7	648
Ethnicity																						
African American/Black	0										0						399	7	47	28	17	642
American Indian or Native Alaskan	1										1						108	4	54	32	10	643
Asian or Pacific Islander	2										2						247	16	60	20	4	650
Hispanic	1										1						145	8	45	34	14	643
Caucasian/White	35	2	6	15	43	16	46	2	6	643	32	3	41	50	6	642	13165	13	58	22	7	648
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	0	0	5	71	2	29	631	7	0	0	71	29	631	2282	2	29	42	27	636
No	32	2	6	18	56	12	38	0	0	646	29	3	55	41	0	645	11782	15	63	19	3	650
Current LEP																						
Yes	0										0						329	4	44	30	22	640
No	39	2	5	18	46	17	44	2	5	643	36	3	44	47	6	642	13735	13	58	23	7	648
Economically disadvantaged																						
Yes	20	0	0	7	35	11	55	2	10	639	19	0	32	58	11	639	5153	6	51	31	12	643
No	19	2	11	11	58	6	32	0	0	648	17	6	59	35	0	646	8911	17	61	18	4	650
Migrant																						
Yes	0										0						7	14	57	14	14	648
No	39	2	5	18	46	17	44	2	5	643	36	3	44	47	6	642	14057	13	57	23	7	648
Gender																						
Female	21	0	0	9	43	11	52	1	5	642	19	0	37	58	5	641	6967	16	59	20	5	650
Male	18	2	11	9	50	6	33	1	6	645	17	6	53	35	6	644	7097	9	56	26	9	646
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	11	0	0	2	18	9	82	0	0	639	11	0	18	82	0	639	1186	6	41	42	11	642
No	28	2	7	16	57	8	29	2	7	645	25	4	56	32	8	644	12878	14	59	21	7	648
Gifted/talented program																						
Yes	0										0						557	50	48	2	0	661
No	39	2	5	18	46	17	44	2	5	643	36	3	44	47	6	642	13507	11	58	24	7	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 6
 SAU: Calais School Department
 School: Calais Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State						
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	
		%	N	%	N	%	N	%	N														%
How much homework do you do on school nights?																							
A. none	8	0	0	1	33	2	67	0	0	641	8	0	33	67	0	641	6	7	43	30	20	641	
B. less than one hour	36	1	7	8	57	4	29	1	7	644	36	8	54	31	8	644	56	13	58	23	6	648	
C. one to two hours	54	1	5	8	38	11	52	1	5	643	53	0	37	58	5	641	34	15	60	20	5	649	
D. more than two hours	3	0	0	1	100	0	0	0	0	652	3	0	100	0	0	652	3	9	46	29	16	643	
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																							
A. The questions on the test match what I have learned in reading class.	26	1	10	5	50	4	40	0	0	646	28	10	50	40	0	646	40	17	60	19	5	650	
B. They match some of what I have learned.	62	1	4	12	50	10	42	1	4	644	58	0	48	48	5	642	48	12	59	23	6	648	
C. They match just a little of what I have learned.	8	0	0	0	0	2	67	1	33	631	8	0	0	67	33	631	9	7	45	34	15	643	
D. There is no match.	5	0	0	1	50	1	50	0	0	642	6	0	50	50	0	642	3	3	31	37	29	637	
Which of the following best describes how you rate yourself as a student in reading?																							
A. very good	28	2	18	7	64	2	18	0	0	651	28	10	70	20	0	649	28	26	58	11	4	653	
B. good	56	0	0	10	45	11	50	1	5	641	58	0	43	52	5	641	54	9	61	24	6	647	
C. fair	8	0	0	1	33	2	67	0	0	642	6	0	0	100	0	640	16	3	48	37	13	642	
D. poor	8	0	0	0	0	2	67	1	33	632	8	0	0	67	33	632	2	1	37	39	23	637	
How difficult was the reading part of this test?																							
A. harder than my regular schoolwork	11	0	0	1	25	2	50	1	25	638	9	0	0	67	33	634	15	10	48	27	15	644	
B. about the same as my regular schoolwork	71	0	0	14	52	12	44	1	4	643	74	0	50	46	4	642	66	13	59	22	5	649	
C. easier than my regular schoolwork	18	2	29	3	43	2	29	0	0	650	17	17	50	33	0	647	18	15	58	20	7	649	
How difficult were the reading passages on this test?																							
A. Most of the passages were more difficult than what I normally read.	8	0	0	0	0	2	67	1	33	631	8	0	0	67	33	631	9	2	37	37	23	638	
B. Most of the passages were about the same as what I normally read.	54	0	0	10	48	10	48	1	5	642	56	0	45	50	5	641	54	9	59	26	6	647	
C. Most of the passages were easier than what I normally read.	38	2	13	8	53	5	33	0	0	648	36	8	54	38	0	647	36	21	60	15	4	652	
How hard did you try on the reading part of this test?																							
A. I tried harder on this test than I do on my regular schoolwork.	36	0	0	8	57	6	43	0	0	644	39	0	57	43	0	644	46	13	56	24	7	648	
B. I tried about the same as I do on my regular schoolwork.	62	2	8	10	42	11	46	1	4	644	58	5	38	52	5	642	50	14	60	21	6	649	
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	0	0	1	100	622	3	0	0	0	100	622	3	5	46	30	20	641	
How much time do you spend reading at home each day?																							
A. more than one hour	18	1	14	3	43	2	29	1	14	644	19	14	43	29	14	644	19	19	58	17	6	651	
B. 20 minutes to an hour	46	1	6	9	50	7	39	1	6	643	44	0	50	44	6	641	51	15	60	20	5	649	
C. less than 20 minutes	10	0	0	3	75	1	25	0	0	651	11	0	75	25	0	651	12	9	56	26	9	646	
D. I rarely read at home.	26	0	0	3	30	7	70	0	0	640	25	0	22	78	0	639	18	4	50	34	13	643	
Optional school/SAU question																							
A.	100	0	0	0	0	0	0	1	100	622	100	0	0	0	100	622							
B.	0										0												
C.	0										0												
D.	0										0												

MATHEMATICS RESULTS

Test Date: March 2008

Grade: 6

SAU: Calais School Department

School: Calais Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006	4	9	4	9	1463	10
	2006-2007	5	10	5	12	2092	15
	2007-2008	4	10	3	8	1474	10
	Cum. Total*	13	10	12	10	5029	12
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 641–660)	2005-2006	18	41	19	44	5914	40
	2006-2007	24	50	22	52	5731	40
	2007-2008	14	36	13	36	6008	43
	Cum. Total*	56	43	54	45	17653	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006	9	20	8	19	4494	30
	2006-2007	16	33	14	33	4175	29
	2007-2008	13	33	12	33	4244	30
	Cum. Total*	38	29	34	28	12913	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006	13	30	12	28	3014	20
	2006-2007	3	6	1	2	2308	16
	2007-2008	8	21	8	22	2346	17
	Cum. Total*	24	18	21	17	7668	18

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	8.6	45.3	8.5	44.7	9.6	50.5
Cluster 2: Shape and Size	15	27	8.4	56.0	8.4	56.0	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	4.2	60.0	4.1	58.6	4.2	60.0
Cluster 4: Patterns	15	27	7.3	48.7	7.1	47.3	7.5	50.0

Cluster 1: Numbers and Operations

A. Numbers and Number Sense

B. Computation

I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size

E. Geometry

F. Measurement

Cluster 3: Mathematical Decision Making

C. Data Analysis and Statistics

D. Probability

Cluster 4: Patterns

G. Patterns, Relations, and Functions

H. Algebra Concepts

K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lslalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 6
 SAU: Calais School Department
 School: Calais Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	39	4	10	14	36	13	33	8	21	641	36	8	36	33	22	640	14072	10	43	30	17	642
Ethnicity																						
African American/Black	0										0						409	4	26	35	35	632
American Indian or Native Alaskan	1										1						108	6	26	39	29	635
Asian or Pacific Islander	2										2						247	13	50	25	13	646
Hispanic	1										1						145	9	32	34	25	638
Caucasian/White	35	3	9	13	37	11	31	8	23	640	32	6	38	31	25	639	13163	11	43	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	2	29	2	29	3	43	631	7	0	29	29	43	631	2283	2	18	31	49	627
No	32	4	13	12	38	11	34	5	16	643	29	10	38	34	17	642	11789	12	48	30	10	645
Current LEP																						
Yes	0										0						339	5	22	32	41	631
No	39	4	10	14	36	13	33	8	21	641	36	8	36	33	22	640	13733	11	43	30	16	643
Economically disadvantaged																						
Yes	20	0	0	4	20	10	50	6	30	633	19	0	21	47	32	634	5160	4	34	36	26	636
No	19	4	21	10	53	3	16	2	11	649	17	18	53	18	12	648	8912	14	48	27	11	646
Migrant																						
Yes	0										0						7	0	57	43	0	641
No	39	4	10	14	36	13	33	8	21	641	36	8	36	33	22	640	14065	10	43	30	17	642
Gender																						
Female	21	3	14	5	24	8	38	5	24	639	19	16	21	37	26	639	6974	10	43	31	16	642
Male	18	1	6	9	50	5	28	3	17	643	17	0	53	29	18	641	7098	11	42	30	17	642
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	11	0	0	2	18	5	45	4	36	633	11	0	18	45	36	633	1192	4	23	43	30	634
No	28	4	14	12	43	8	29	4	14	644	25	12	44	28	16	643	12880	11	44	29	15	643
Gifted/talented program																						
Yes	0										0						557	53	42	4	0	663
No	39	4	10	14	36	13	33	8	21	641	36	8	36	33	22	640	13515	9	43	31	17	641

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 6

SAU: Calais School Department

School: Calais Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	1	33	0	0	2	67	0	0	645	8	33	0	67	0	645	6	6	33	31	31	635
B. less than one hour	36	0	0	8	57	3	21	3	21	640	36	0	54	23	23	640	56	11	43	30	16	643
C. one to two hours	54	3	14	5	24	8	38	5	24	640	53	11	26	37	26	639	34	11	45	30	14	644
D. more than two hours	3	0	0	1	100	0	0	0	0	652	3	0	100	0	0	652	3	6	33	32	28	636
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	49	1	5	10	53	4	21	4	21	641	47	6	53	18	24	642	45	14	47	28	11	646
B. They match some of what I have learned.	44	3	18	4	24	8	47	2	12	644	44	13	25	50	13	643	43	8	43	33	17	641
C. They match just a little of what I have learned.	3	0	0	0	0	0	0	1	100	608	3	0	0	0	100	608	9	6	30	33	32	635
D. There is no match.	5	0	0	0	0	1	50	1	50	626	6	0	0	50	50	626	3	5	15	25	54	626
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	38	3	20	8	53	3	20	1	7	650	39	21	50	21	7	651	29	24	51	17	8	651
B. good	49	1	5	6	32	7	37	5	26	637	50	0	33	39	28	635	48	6	45	33	16	641
C. fair	5	0	0	0	0	1	50	1	50	625	3	0	0	0	100	620	19	1	29	42	28	634
D. poor	8	0	0	0	0	2	67	1	33	628	8	0	0	67	33	628	3	0	15	41	44	627
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	13	0	0	2	40	3	60	0	0	643	14	0	40	60	0	643	24	5	38	33	24	638
B. about the same as my regular schoolwork	76	3	10	11	38	8	28	7	24	640	74	8	38	27	27	639	62	9	45	31	14	643
C. easier than my regular schoolwork	11	1	25	1	25	2	50	0	0	651	11	25	25	50	0	651	14	26	43	20	12	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	33	2	15	2	15	7	54	2	15	641	33	8	17	58	17	639	48	10	41	32	17	642
B. I tried about the same as I do on my regular schoolwork.	64	2	8	12	48	6	24	5	20	642	64	9	48	22	22	642	49	12	45	28	15	644
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	0	0	1	100	608	3	0	0	0	100	608	3	9	33	27	32	637
How often do you use hands-on materials in mathematics class?																						
A. almost every day	13	0	0	1	20	3	60	1	20	632	14	0	20	60	20	632	17	8	39	30	22	639
B. two or three days a week	41	3	19	5	31	4	25	4	25	642	39	14	36	21	29	640	34	11	44	31	14	643
C. two or three times each month	41	1	6	8	50	5	31	2	13	645	42	7	47	33	13	644	31	12	44	29	15	644
D. never or almost never	5	0	0	0	0	1	50	1	50	628	6	0	0	50	50	628	18	10	42	31	18	642
How often do you use calculators in mathematics class?																						
A. almost every day	13	0	0	1	20	1	20	3	60	627	14	0	20	20	60	627	11	11	37	29	23	641
B. two or three days a week	41	1	6	7	44	6	38	2	13	642	42	7	47	33	13	643	32	11	44	30	15	643
C. two or three times each month	36	2	14	6	43	5	36	1	7	647	33	8	42	42	8	645	32	11	45	30	15	643
D. never or almost never	10	1	25	0	0	1	25	2	50	636	11	25	0	25	50	636	26	9	40	32	19	641
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	3	1	100	0	0	0	0	0	0	666	3	100	0	0	0	666	7	6	29	33	32	635
B. 30–45 minutes	15	0	0	0	0	4	67	2	33	631	17	0	0	67	33	631	37	8	39	34	20	640
C. 45–60 minutes	59	2	9	10	43	5	22	6	26	640	56	5	45	20	30	639	42	13	47	28	12	645
D. more than 60 minutes	23	1	11	4	44	4	44	0	0	647	25	11	44	44	0	647	15	12	46	27	15	644
Optional school/SAU question																						
A.	100	0	0	0	0	0	0	1	100	608	100	0	0	0	100	608						
B.	0										0											
C.	0										0											
D.	0										0											

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